

Converting Colors

XYZ(18.2079, 14.8157, 24.5811)

Have a look what the booklet for
XYZ(18.2079, 14.8157, 24.5811)
contains.

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Color

**XYZ(18.1373, 14.7950,
24.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	865E86
RGB	134, 94, 134
RGB Percent	53%, 37%, 53%
CMY	0.4745, 0.6314, 0.4745
CMYK	0.00, 0.30, 0.00, 0.47
HSL	300°, 18%, 45%
HSV	300°, 30%, 53%
XYZ	18.1373, 14.7950, 24.4540
YIQ	110.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

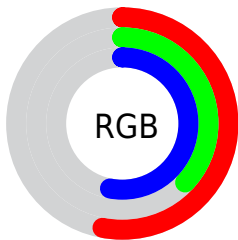
Format	Color
R_{YB}	134, 94, 134
Decimal	8806022
CIE _{Lab}	45.35, 23.41, -15.79
CIE _{LCh}	45, 28.239, 326.001
Yxy	14.7950, 0.3161, 0.2578
Android (android.graphics.Color)	4286996102 (0xFF865E86)
YUV	110.5200, 11.5756, 20.5920
Hunter-Lab	38.4643, 16.8568, -10.7692

Details

The XYZ color **18.1373, 14.7950, 24.4540** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.1622, 20.2385, 13.6978**, and the grayscale version is **14.9364, 15.7143, 17.1129**.

A 20% lighter version of the original color is **39.8341, 34.5300, 51.5792**, and **6.2729, 4.5579, 8.9367** is the 20% darker color. If you saturate the color by 10%, you get **17.0478, 12.6157, 24.0909**, and if you desaturate by 10%, it is **19.4346, 17.3894, 24.8866**.

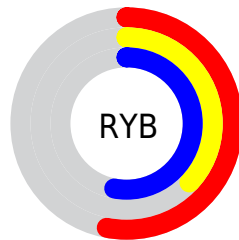
Distribution



Red (53%)

Green (37%)

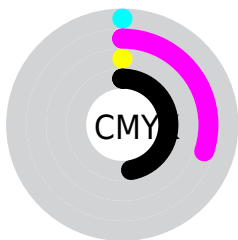
Blue (53%)



Red (53%)

Yellow (37%)

Blue (53%)

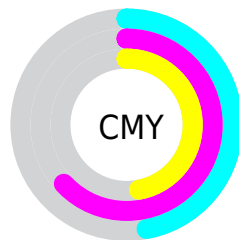


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (63%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1373, 14.7950, 24.4540 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 18.1373, 14.7950, 24.4540 by changing the saturation by 10% instead.

■ 18.1373, 14.7950,
24.4540

■ 18.1373, 14.7950,
24.4540

234.6744,
222.1220, 288.4679

■ 11.1489, 8.6756,
15.4554

■ 39.7994, 34.4931,
51.7231

■ 6.2351, 4.5302,
8.9895

■ 55.2038, 48.8407,
70.8308

■ 3.0306, 1.9744,
4.6376

■ 74.1442, 66.6998,
94.1452

■ 1.1700, 0.5925,
1.9813

■ 96.9861, 88.4548,
122.0850

■ 0.0824, 0.0000,
0.5437

124.0946,
114.4902, 155.0686

■ 0.0000, 0.0000,
0.0000

155.8353,

145.1902, 193.5146

192.5735,
180.9394, 237.8415

■ 18.1373, 14.7950,
24.4540

■ 18.1373, 14.7950,
24.4540

■ 17.0478, 12.6157,
24.0909

■ 19.4346, 17.3894,
24.8866

■ 16.1540, 10.8282,
23.7930

■ 20.9483, 20.4167,
25.3913

■ 15.4448, 9.4097,
23.5565

■ 22.6881, 23.8962,
25.9712

■ 14.9072, 8.3345,
23.3773

■ 24.6626, 27.8454,
26.6295

■ 14.5267, 7.5736,
23.2504

■ 26.8803, 32.2807,
27.3687

■ 14.2865, 7.0931,
23.1703

■ 29.3490, 37.2181,
28.1917

■ 14.1369, 6.7940,
23.1204

■ 32.0762, 42.6724,
29.1008

■ 14.1347, 6.7896,
23.1196

■ 35.0691, 48.6582,
30.0984

■ 38.3346, 55.1892,
31.1870

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.1309, 14.7950, 30.7097



18.1373, 14.7950, 24.4540



19.0518, 14.7950, 17.0258

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.1373, 14.7950, 24.4540



14.3787, 14.7950, 6.3623



10.3895, 14.7950, 22.4528

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.1373, 14.7950, 24.4540



15.1622, 20.2385, 13.6978

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.0300, 14.7950, 15.2261



18.1373, 14.7950, 24.4540



12.1784, 14.7950, 7.0733

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.1373, 14.7950, 24.4540



16.7346, 14.7950, 7.6059



10.6484, 14.7950, 9.9183



11.6906, 14.7950, 29.3470

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.1373, 14.7950, 24.4540



18.8522, 14.7950, 12.8082



10.6484, 14.7950, 9.9183



10.1612, 14.7950, 19.9337

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.1378, 14.7956, 24.4543



37.0955, 36.3460, 44.7987



12.9226, 12.1071, 24.2104



8.2759, 8.0256, 10.0656



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.1378, 14.7956, 24.4543



30.5855, 23.3262, 42.6285



16.8720, 14.2894, 17.7891



4.8579, 4.7628, 5.8640



13.2461, 6.3628, 21.6662



0.0459, 0.0220, 0.0751

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18.1378, 14.7956, 24.4543



30.5855, 23.3262, 42.6285



16.1790, 20.6452, 19.0524



4.8579, 4.7628, 5.8640



13.2461, 6.3628, 21.6662



0.0459, 0.0220, 0.0751

Previews

White Background



This preview shows how the XYZ color 18.1373, 14.7950, 24.4540 looks on a white background.

Color Contrast Check

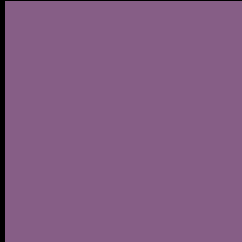
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.1373, 14.7950, 24.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1373, 14.7950, 24.4540

Background



This preview shows how black text looks on a background with the XYZ color 18.1373, 14.7950, 24.4540.



This preview shows how white text looks on a background with the XYZ color 18.1373, 14.7950,

24.4540.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.1373, 14.7950, 24.4540

Protanopia

15.0417, 14.8326, 28.0568

Deuteranopia

15.1603, 14.8333, 23.8939



Tritanopia

16.3216, 14.7310, 15.8931

Trichromacy



Original Color

18.1373, 14.7950, 24.4540

Protanomaly

15.9154, 14.7112, 26.8117

Deuteranomaly

16.0898, 14.7138, 24.1823

Tritanomaly

16.8457, 14.6590, 18.7712

Monochromacy



Original Color

18.1373, 14.7950, 24.4540

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9891, 15.3570, 19.5742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1373, 14.7950, 24.4540 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(134, 94, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 94, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(134, 94, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 94, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.1373, 14.7950, 24.4540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 94, 134) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(134, 94, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(134, 94, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 94, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 94, 134);  
box-shadow:4px 4px 4px 4px rgb(134, 94,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1373, 14.7950, 24.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 94, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(134, 94,  
134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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